

Appl. No. 09/923,931
Amendment dated August 29, 2005
Reply to Office Action of June 29, 2005

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A method of cleaning carpet or upholstery, comprising:
applying to the carpet or upholstery an aqueous preparation of a solid or agglomerated cleaning composition;
applying comprising:
extracting the carpet or upholstery;
brushing or rubbing the cleaning composition on the carpet;
pre-spotting, pre-spraying, or extracting the carpet or upholstery; or
combinations thereof;
the solid or agglomerated cleaning composition comprising:
about 30 to about 90 wt-% active oxygen compound comprising peroxygen moiety;
about 0.1 to about 50 wt-% surfactant; and
about 1 to about 99 wt-% builder;
wherein the cleaning composition is substantially free of an activator for active oxygen compound.
- 2-4. (cancelled)
5. (original) The method of claim 1, comprising applying the cleaning composition at a concentration and for a duration effective to achieve sanitizing the carpet or upholstery.
6. (original) The method of claim 1, further comprising removing a portion of the composition from the carpet.
7. (original) The method of claim 1, wherein the method omits pre-spotting the carpet or upholstery.

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8. (original) The method of claim 1, wherein the method omits pre-spraying the carpet or upholstery.

9. (original) The method of claim 1, wherein the aqueous preparation comprises about 0.1 to about 10 wt-% of the solid or agglomerated cleaning composition, and a pH of about 7 to about 11.

10. (original) The method of claim 9, wherein the aqueous preparation comprises a pH of about 9 to about 10.

11. (original) The method of claim 10, wherein the aqueous preparation comprises a pH less than 10.

12. (cancelled)

13. (previously presented) The method of claim 1, wherein the cleaning composition comprises:

about 2 to about 20 wt-% surfactant; and
about 15 to about 65 wt-% builder.

14. (original) The method of claim 13, wherein the cleaning composition comprises:
about 40 to about 80 wt-% active oxygen compound;
about 4 to about 15 wt-% surfactant; and
about 15 to about 45 wt-% builder.

15. (original) The method of claim 14, wherein the cleaning composition comprises:
about 50 to about 60 wt-% active oxygen compound;
about 8 to about 10 wt-% surfactant; and
about 25 to about 30 wt-% builder.

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16. (cancelled)

17. (original) The method of claim 1, wherein the cleaning composition comprises:
about 5 to about 30 wt-% active oxygen compound;
about 1 to about 15 wt-% surfactant; and
about 55 to about 95 wt-% builder.

18. (original) The method of claim 1, wherein the cleaning composition comprises:
about 50 to about 80 wt-% active oxygen compound;
about 1 to about 15 wt-% surfactant; and
about 15 to about 55 wt-% builder.

19. (original) The method of claim 18, wherein the cleaning composition comprises:
about 50 to about 60 wt-% active oxygen compound;
about 6 to about 10 wt-% surfactant; and
about 15 to about 25 wt-% builder.

20. (original) The method of claim 1, wherein the cleaning composition comprises:
about 60 to about 80 wt-% active oxygen compound;
about 6 to about 10 wt-% surfactant; and
about 20 to about 30 wt-% builder.

21. (original) The method of claim 1, wherein the cleaning composition comprises:
about 60 to about 80 wt-% active oxygen compound;
about 1 to about 3 wt-% surfactant; and
about 15 to about 25 wt-% builder.

22. (original) The method of claim 1, wherein the cleaning composition comprises:
about 50 to about 60 wt-% active oxygen compound;

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about 1 to about 3 wt-% surfactant; and

about 30 to about 40 wt-% builder.

23. (previously presented) A method of cleaning carpet, comprising:
applying to the carpet or upholstery an aqueous preparation of a solid or agglomerated
cleaning composition, the solid or agglomerated cleaning composition comprising:

about 30 to about 90 wt-% active oxygen compound comprising peroxygen
moiety;

about 0.1 to about 50 wt-% surfactant;

about 5-15% phosphonate;

about 15-25% condensed phosphate;

about 5-10% nonionic surfactant;

about 55-65% hydrogen peroxide adduct.

24. (previously presented) A method of cleaning carpet, comprising:
applying to the carpet or upholstery an aqueous preparation of a solid or agglomerated
cleaning composition, the solid or agglomerated cleaning composition comprising:

about 30 to about 90 wt-% active oxygen compound comprising peroxygen
moiety;

about 0.1 to about 50 wt-% surfactant;

about 5-10% aminocarboxylate;

about 5-10% nonionic surfactant;

about 15-25% alkali metal carbonate;

about 10-15% carboxylic acid;

about 50-60% hydrogen peroxide adduct.

25. (previously presented) A method of cleaning carpet, comprising:
applying to the carpet or upholstery an aqueous preparation of a solid or agglomerated
cleaning composition, the solid or agglomerated cleaning composition comprising:

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about 30 to about 90 wt-% active oxygen compound comprising peroxygen moiety;

about 0.1 to about 50 wt-% surfactant;

about 5-15% aminocarboxylate;

about 1-5% nonionic surfactant;

about 10-30% alkali metal carbonate, alkali metal bicarbonate, or mixtures thereof

about 50-90% hydrogen peroxide adduct.

26. (original) The method of claim 1, wherein the cleaning composition comprises as active oxygen compound inorganic active oxygen compound, organic active oxygen compound, or mixtures thereof.

27. (original) The method of claim 26, wherein the inorganic active oxygen compound comprises hydrogen peroxide adduct.

28. (original) The method of claim 26, wherein the inorganic active oxygen compound comprises percarbonate, perborate, persulfate, perphosphate, persilicate, or mixtures thereof.

29. (original) The method of claim 1, wherein the cleaning composition comprises as surfactant nonionic surfactant, amphoteric surfactant, anionic surfactant, or mixtures thereof.

30. (original) The method of claim 29, wherein the nonionic surfactant comprises alcohol ethoxylate, alcohol propoxylate, alcohol ethoxylate-propoxylate, or mixtures thereof.

31. (original) The method of claim 30, wherein the nonionic surfactant comprises a solid, powder, or paste at 20 °C.

32. (original) The method of claim 1, wherein the cleaning composition comprises as builder zeolite, citric or citrate-type chelating agent, alkyl diamine polyacetic acid-type chelating

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agent, acrylic or polyacrylic acid-type stabilizing agent, phosphonic acid or phosphonate-type chelating agent, aminocarboxylic acid, condensed phosphate, polymeric polycarboxylate, or a mixture thereof.

33. (original) The method of claim 32, wherein the builder comprises phosphonate and the phosphonate comprises amino tri(methylene phosphonic) acid; 1-hydroxyethylidene-1,1-diphosphonic acid; diethylenetriaminopenta(methylene phosphonic) acid; alanine-N,N-diacetic acid; diethylenetriaminepentaacetic acid; salts thereof; or mixtures thereof.

34. (original) The method of claim 32, wherein the builder comprises condensed phosphate and the condensed phosphate comprises sodium tripolyphosphate, potassium tripolyphosphate, magnesium tripolyphosphate, sodium pyrophosphate, potassium pyrophosphate, sodium hexametaphosphate, potassium hexametaphosphate, or a mixture thereof.

35. (original) The method of claim 32, wherein the builder comprises nitrilotriacetate, citric acid, ethylene diamine tetraacetate, salt thereof, or mixture thereof.

36. (original) The method of claim 1, wherein the cleaning composition further comprises alkalinity source, acidity source, cleaning enzyme, hardening agent, solubility modifier, detergent filler, defoamer, antimicrobial agent, a precipitation threshold agent or system, aesthetic enhancing agent, effervescent agent, activator for the active oxygen compound, or combinations thereof.

37. (original) The method of claim 36, wherein the cleaning composition comprises nonionic surfactant, phosphonate, condensed phosphate, hydrogen peroxide adduct, C1-C6 carboxylic acid, alkali metal hydrogen carbonate, alkali metal hydrogen phosphate, alkali metal hydrogen sulfate, or combinations thereof.

38. (original) The method of claim 36, wherein the cleaning composition comprises nonionic surfactant, aminocarboxylate, hydrogen peroxide adduct, C1-C6 carboxylic acid, alkali

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metal hydrogen carbonate, alkali metal hydrogen phosphate, alkali metal hydrogen sulfate, or combinations thereof.

39-74. (cancelled)

75. (currently amended) A method of cleaning carpet or upholstery, comprising:
applying to the carpet or upholstery an aqueous preparation of a solid or agglomerated
cleaning composition;

applying comprising:

- extracting the carpet or upholstery;
- brushing or rubbing the cleaning composition on the carpet;
- pre-spotting, pre-spraying, or extracting the carpet or upholstery; or
- combinations thereof.

the aqueous preparation comprising:

- about 0.5 to about 0.8 wt-% sodium percarbonate;
- about 0.01 to about 0.2 wt-% alcohol ethoxylate, alkylbenzene sulfonate, or
- mixtures thereof; and
- about 0.2 to about 0.4 wt-% non-phosphate builder.

wherein the aqueous preparation is substantially free of an activator for active oxygen
compound.

76. (original) The method of claim 75, wherein the aqueous preparation has a pH of
about 7 to about 11.

77. (original) The method of claim 76, wherein the aqueous preparation has a pH of
about 9 to about 10.

78. (original) The method of claim 77, wherein the aqueous preparation has a pH less
than 10.

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79-84. (cancelled)

85. (currently amended) The method of claim 1, wherein the composition is ~~substantially~~ free of additives.

86. (previously presented) The method of claim 23, wherein applying comprises extracting the carpet.

87. (previously presented) The method of claim 24, wherein applying comprises extracting the carpet.

88. (previously presented) The method of claim 25, wherein applying comprises extracting the carpet.

89. (previously presented) The method of claim 23, wherein applying comprises pre-spotting, pre-spraying, or extracting the carpet.

90. (previously presented) The method of claim 24, wherein applying comprises pre-spotting, pre-spraying, or extracting the carpet.

91. (previously presented) The method of claim 25, wherein applying comprises pre-spotting, pre-spraying, or extracting the carpet.

92. (previously presented) The method of claim 23, wherein the cleaning composition comprises as active oxygen compound inorganic active oxygen compound, organic active oxygen compound, or mixtures thereof.

93. (previously presented) The method of claim 24, wherein the cleaning composition comprises as active oxygen compound inorganic active oxygen compound, organic active oxygen compound, or mixtures thereof.

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94. (previously presented) The method of claim 25, wherein the cleaning composition comprises as active oxygen compound inorganic active oxygen compound, organic active oxygen compound, or mixtures thereof.

95. (previously presented) The method of claim 23, wherein the cleaning composition further comprises alkalinity source, acidity source, cleaning enzyme, hardening agent, solubility modifier, detergent filler, defoamer, antimicrobial agent, a precipitation threshold agent or system, aesthetic enhancing agent, effervescent agent, activator for the active oxygen compound, or combinations thereof.

96. (previously presented) The method of claim 24, wherein the cleaning composition further comprises alkalinity source, acidity source, cleaning enzyme, hardening agent, solubility modifier, detergent filler, defoamer, antimicrobial agent, a precipitation threshold agent or system, aesthetic enhancing agent, effervescent agent, activator for the active oxygen compound, or combinations thereof.

97. (previously presented) The method of claim 25, wherein the cleaning composition further comprises alkalinity source, acidity source, cleaning enzyme, hardening agent, solubility modifier, detergent filler, defoamer, antimicrobial agent, a precipitation threshold agent or system, aesthetic enhancing agent, effervescent agent, activator for the active oxygen compound, or combinations thereof.

98. (previously presented) The method of claim 23, wherein the cleaning composition comprises nonionic surfactant, phosphonate, condensed phosphate, hydrogen peroxide adduct, C1-C6 carboxylic acid, alkali metal hydrogen carbonate, alkali metal hydrogen phosphate, alkali metal hydrogen sulfate, or combinations thereof.

99. (previously presented) The method of claim 24, wherein the cleaning composition comprises nonionic surfactant, phosphonate, condensed phosphate, hydrogen

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peroxide adduct, C1-C6 carboxylic acid, alkali metal hydrogen carbonate, alkali metal hydrogen phosphate, alkali metal hydrogen sulfate, or combinations thereof.

100. (previously presented) The method of claim 25, wherein the cleaning composition comprises nonionic surfactant, phosphonate, condensed phosphate, hydrogen peroxide adduct, C1-C6 carboxylic acid, alkali metal hydrogen carbonate, alkali metal hydrogen phosphate, alkali metal hydrogen sulfate, or combinations thereof.